



LEWIS' EDUCATIONAL AND RESEARCH COLLABORATIVE INTERNSHIP PROGRAM (LERCIP)

2009 SUMMER INTERNSHIP FOR SECONDARY TEACHERS

Program Description

This is an educational program that provides a summer opportunity for teachers interested in expanding their knowledge in the areas of science, technology, engineering, and mathematics. Internships of 10-week duration are available during the summer months at the NASA John H. Glenn Research Center (GRC). The internships are offered under the auspices of Lewis' Educational and Research Collaborative Internship Program (LERCIP) and are a collaborative undertaking of GRC's Educational Programs Office (EPO) and the Ohio Aerospace Institute (OAI).

For other internship opportunities and application information and deadline dates, visit one of the following Web sites: <http://www.education.grc.nasa.gov/> or <http://www.oai.org>.

Program Goal

Internships are intended to provide teachers with professional experiences to enhance their academic skills and abilities in the classroom. When possible, teachers are given assignments in science, technology, research, and development under the guidance of a NASA staff member who serves as a mentor. Program activities include oral presentations and a variety of enrichment activities.

Glenn Research Center

The NASA Vision—To improve life here, to extend life to there, to find life beyond. The NASA Mission—To pioneer the future in space exploration, scientific discovery, and aeronautics research. As one of NASA's 10 field centers, the GRC at Lewis Field supports all NASA missions and the major programs of our Agency.

GRC works as a diverse team in partnership with government, industry, and academia to increase national wealth, safety, and security, protect the environment, and explore the universe. As NASA moves forward to fulfill the Vision for Space Exploration, Glenn is focusing on efforts related to Exploration Systems, such as technological advancements in spaceflight systems, aeropropulsion, space propulsion, power systems, nuclear systems, communication, and human research.

GRC is located in the Great Lakes region of Ohio and occupies a 350-acre site adjacent to Cleveland Hopkins International Airport. The Center comprises over 140 buildings that contain a unique collection of world-class facilities. NASA Glenn also includes the 6400-acre Plum Brook Station near Sandusky, Ohio. For more information on GRC, visit <http://www.nasa.gov/centers/glenn/home/index.html>.

Ohio Aerospace Institute

OAI is a private, nonprofit organization whose purpose is to advance aerospace-related capabilities through industry, university, and government collaboration. Such partnerships have led to critical solutions for aerospace applications, developed new technologies in medical science, created improved design and manufacturing and measurement systems, and provided educational enrichment and support to faculty and students. OAI is located next to the GRC west gate. For more information on OAI, visit <http://www.oai.org>.

Eligibility Requirements

Applicants must be **U.S. CITIZENS** who are employed full-time as secondary school teachers throughout the United States.

Program Requirements

Because of the program's short duration and intensive requirements, no vacation time or summer day classes can be taken during the internship. If selected, the student must be present for the mandatory orientation session (first day) and the entire 5-day, 40 hour per week (8 a.m. to 4:30 p.m., Monday through Friday) assignment. All teachers are required to complete the entire 10-week tenure period. It is **MANDATORY** that teachers start on one of the scheduled session dates to attend the orientation. **NO EXCEPTIONS!**

Application Information

Teachers seeking internships must submit an application to OAI. You will be sent a postcard or an e-mail (if provided) acknowledging receipt of your application.

Additional information may be obtained by contacting any of the following:

OAI

E-mail: internships@oai.org

Telephone: (440) 962-3170, ext. 5006

NASA GRC

E-mail: intern@grc.nasa.gov

Application materials must be received no later than **January 31, 2009**. Application materials received after the deadline will not be considered or processed. **FAXED copies are unacceptable.**

Teacher Selection Criteria

Selection in this program is very competitive and is based on the following:

- GRC organizational, programmatic, and budgetary commitments
- Area of instruction and relative coursework
- Performance background and research interests
- Teacher/mentor availability

TEACHER IDENTIFIED FOR INTERNSHIP POSITIONS will be notified of internship appointment via offer letter by April 15, 2009. Due to the large number of applicants, **ONLY SELECTED CANDIDATES ARE NOTIFIED.**

Stipend Information

Teachers receive a biweekly stipend of \$2000. The normal statutory tax withholding will be taken; the tax portion withheld will depend on the tax status submitted by participant. **This program does not provide unemployment compensation to participants.**

Travel Reimbursement

One round-trip travel reimbursement will be provided to teachers whose city of permanent residence is more than 50 miles from Cleveland **and relocate** for the program. Reimbursement is based on student's permanent residence and shortest route. Mileage at .485 cents per mile will be paid to eligible students approximately 1 week **after** tenure begins.

Internship dates for 2009

Session I: May 18 to July 24

Session II: June 1 to August 7

Session III: June 8 to August 14

Housing Accommodations

Participants are responsible for making their own housing and travel arrangements. This program does not provide living expenses. If a list of short-term housing is desired, check the appropriate box on page 2 of the application and one will be provided. Please understand that the housing list has been assembled by OAI for your convenience. **Accommodations on the list have not been checked and OAI does not advocate them over other accommodations you may find on your own.** If selected for the program, you are encouraged to start your search for housing as soon as possible. Please note that you are responsible for reviewing your lease agreement and addressing questions before signing.

2009 TEACHER APPLICATION FORM

Please type or print in black ink only.

Full legal name _____ Date of birth _____
Last name, suffix (e.g., Jr.) First Middle name Month/Date/Year (e.g., 11/23/1985)

Place of birth _____ Gender: ☐ Female ☐ Male
City, State, Country

U.S. Citizen ☐ Yes ☐ No Note: If U.S. citizen and born outside the United States or Puerto Rico you will have to provide documentation prior to start date for your offer to be finalized.

YOU MUST PROVIDE BOTH ADDRESSES:

PERMANENT (HOME) ADDRESS:

SCHOOL NAME:

Address: _____

City State

Please provide your nine-digit ZIP Code

ZIP Code _____

Telephone no.: (____) _____

Alternate telephone no.: (____) _____

Permanent e-mail address: _____

City State ZIP Code

Telephone no.: (____) _____

Please check box below where you want any LERCIP correspondence sent:

- | | | |
|---------------------|---|---|
| • Prior to April 15 | <input type="checkbox"/> Permanent home address | <input type="checkbox"/> School address |
| • After April 15 | <input type="checkbox"/> Permanent home address | <input type="checkbox"/> School address |

Have you previously participated in a NASA or Federal program? ☐ Yes ☐ No

If yes, please list program(s) and year of participation:

1. _____
Program name Year

2. _____
Program name Year

3. _____
Program name Year

PROGRAM USE ONLY

Date received _____

PR requirement \$ _____

Date processed _____

☐ 99

Initials _____

PLACEMENT INFORMATION

Faculty position: _____ Grade levels teaching: _____

Number of years in this position: _____

Indicate highest degree attained:

☐ Baccalaureate/B.A. or B.S.

☐ Master's/Master's Equivalency

☐ Doctorate

Degree achieved Year

Degree achieved Year

Degree achieved Year

Indicate any degrees or academic programs on which you are currently working:

☐ Baccalaureate/B.A. or B.S.

☐ Master's/Master's Equivalency

☐ Doctorate

Degree

Degree

Degree

Areas of Concentration:

☐ Engineering

☐ Mathematics

☐ Social Sciences

☐ Education

☐ Humanities

☐ Science

☐ Technology

Primary areas of instruction (check all that apply):

☐ All subjects

☐ Earth Sciences

☐ Mathematics

☐ Technology Education

☐ Astronomy

☐ Engineering

☐ Physical Sciences

☐ Vocational/Technical

☐ Biology

☐ Environmental Sciences

☐ Physics

☐ Chemistry

☐ General Science

☐ Social Studies

☐ Other: _____

☐ Computer Sciences

☐ Life Sciences

☐ Special Education

Indicate preference by checking appropriate box below:

☐ **Session I:** May 18

☐ **Session II:** June 1

☐ **Session III:** June 8

How did you learn about the program?

☐ Faculty member or school official

☐ Group visit to GRC

☐ Inquiry to NASA about summer opportunities

☐ NASA Web site

☐ GRC Educational Programs staff

☐ GRC Educational Programs Web site

☐ Friend who participated in LERCIP

☐ A previous LERCIP participant

☐ OAI Web site

☐ Other (please specify) _____

☐ Relative who works for NASA or NASA contractor

Name/relationship

Company name/area/organization

☐ SEMAA: Site name: _____ Date: _____

☐ NASA Explorers School: _____ Date: _____

Housing Information

If selected, do you need to be provided with the program's short-term housing list? ☐ **YES** ☐ **NO**

Do we have your permission to include your name and e-mail address in a listing to be sent to selected participants who are interested in shared housing? ☐ **YES** ☐ **NO**

(If selected, you need to start your search for housing as soon as possible.)

ACADEMIC INFORMATION

Academic honors/awards (include year of award)

Work experience (over the last 5 years)

School district you work in _____

School administrator _____

TEACHER'S INTERNSHIP ESSAY

Please type or print in black ink only.

Name: _____

Date: _____

The purpose of this essay is to tell us why you want to intern at GRC and what you wish to accomplish during your internship. Areas to address: (1) What do you hope to gain from participating in the program, (2) How might this experience help you when you return to the classroom, and (3) Any other interesting facts about yourself you would like to share that relates to being considered for the LERCIP program.

TEACHER CERTIFICATION
(Completion of form is required for processing of application.)

I certify, by my signature below, that I am a citizen of the United States of America and that all information contained in this application is accurate and correct. I further understand and agree that any misrepresentation or inaccurate information reported on my application will be cause for disqualification for consideration and from participation in LERCIP and other NASA and OAI programs. If selected to participate, I understand I must participate for the full duration of the program and **failure** to do so or to abide by the program policies and procedures, safety, and security policies and procedures will result in the immediate termination of my internship and will be just cause for disqualification or consideration from future participation in LERCIP and other NASA and OAI programs.

I understand and acknowledge that participation in the program **does not entitle me to unemployment compensation**. Print your full name below and sign and date for acceptance.

Full legal name (print): _____
First Middle name Last

Signature: _____ Date: _____

Past LERCIP Participants Only

If you were a 2008 LERCIP participant, would you like to return to the same organization and mentor?
☐ Yes ☐ No

If yes, you are encouraged to contact the mentor and let him/her know that you have applied for the program and if summer positions are available in his/her respective organization, you would like to be considered. Remember there is **NO guarantee** of a position, as organizational and budgetary needs change each year.

References

You must provide two references other than the faculty/teacher providing your recommendation for the program.

1. _____ (_____) _____
Name Title Telephone no.

2. _____ (_____) _____
Name Title Telephone no.

TEACHER INFORMATION

Name (print): _____ Gender: ☐ Female ☐ Male

Program you are applying for: **LERCIP TEACHER**

In order to determine the degree to which members of each ethnic and racial group are reached by this announcement, NASA requests that the student check the appropriate block(s) below. **Submission of this information is VOLUNTARY.** The information solicited on this form is not available to those responsible for reviewing applications, but will be used by OAI and NASA primarily to determine the extent to which various populations are represented in the applicant pool. This information will remain strictly confidential.

Please complete and return with application materials.

Ethnic background (appropriate box below)

- ☐ American Indian or Alaska Native (Non-Hispanic)
- ☐ Asian (Non-Hispanic)
- ☐ Black or African-American (Non-Hispanic)
- ☐ Native Hawaiian or Pacific Islander (Non-Hispanic)
- ☐ Two or more races
- ☐ White (Non-Hispanic)
- ☐ Hispanic/Latino(a)

Individual with a disability* ☐ Yes ☐ No

Please list any special accommodations required:

*A person having a physical or mental impairment that substantially limits one or more major life activities, has a record of such impairment, or is regarded as having such impairment.

APPLICATION REMINDERS

Before submitting this application, you should review it thoroughly. Special attention should be given to eligibility requirements, dates, and deadlines. Be sure that you have supplied all information and materials requested. You are encouraged to keep a copy of your completed application package, as we are unable to return any application materials submitted for the program.

APPLICATION CHECKLIST (check off when completed):

- ☐ 1. 2009 LERCIP Teacher Application Form—completion of all pages
 - ☐ a. Applicant Information (page 1)
 - ☐ b. Placement Information (page 2)
 - ☐ c. Academic Information (page 3)
 - ☐ d. Internship Essay (page 4)
 - ☐ e. Teacher Certification (page 5, signed and dated)
 - ☐ f. Teacher Information (page 6)

(Applications that do not have all pages completed and the required copies—original, signed application, **plus three** copies of the application—are considered incomplete and will not be processed.)

Mail your completed application package to

**OHIO AEROSPACE INSTITUTE (OAI)
22800 CEDAR POINT ROAD
ATTN: LERCIP
CLEVELAND, OH 44142**

Should you have any questions, contact
Ohio Aerospace Institute (OAI)
Telephone: (440) 962-3170, ext. 5006
E-mail internships@oai.org

PLEASE BE ADVISED THAT ANY APPLICATION OR APPLICATION MATERIALS RECEIVED AFTER THE DEADLINE DATE, JANUARY 31, 2009, WILL NOT BE PROCESSED AND ARE CONSIDERED INELIGIBLE—NO EXCEPTIONS.

www.nasa.gov

